

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A video information reproducing apparatus in a

Near Video On Demand system in which the same program is distributed in a plurality of channels for a predetermined time difference, the video information reproducing apparatus comprising:

a record means to record in advance forefront data of the program for the predetermined time difference,

a digital signal reproduction means to reproduce the forefront data of the predetermined time difference recorded in the record means,

a memory means that can perform data writing and data reading in parallel, and

a control means to execute control in which the forefront data is reproduced by the digital signal reproduction means when the program is selected, data following the forefront data is written in the memory means during the reproduction of the forefront data, and the following data is read from the memory means to be outputted continuously after the forefront data,

wherein the video information reproducing apparatus detects whether a distributed schedule information announces that the distributed schedule information is altered to include a new program and, in response, recording records forefront data for the new program to the record means, and

wherein a time information extract means extracting time information in the program is provided, and when the program is altered, the data recorded in the record means is recorded over again onto the forefront data of the altered program, employing the time information obtained in the time information extract means as a standard.

2. (Original) The video information reproducing apparatus as set forth in claim 1, wherein the time information obtained in the time information extract means is employed as time information of the control means.

3. (Original) The video information reproducing apparatus as set forth in claim 1, wherein the control means detects that the program is altered through schedule information distributed by one channel among the plurality of channels and extracts time information by the time information extract means based upon the detection result to alter the program.

4. (Currently Amended) A video information reproducing apparatus in a Near Video On Demand system in which the same program is distributed in a plurality of channels for a predetermined time difference, the video information reproducing apparatus comprising:

a record means to record in advance forefront data of the program for the predetermined time difference on a recording medium on which data writing and data reading are performed in parallel,

a digital signal reproduction means to reproduce the forefront data of the predetermined time difference recorded in the record means, and

a control means to execute control in which the forefront data is reproduced by the digital signal reproduction means when the program is selected, data following the forefront data is written on the recording medium during the reproduction of the forefront data, and the following data is read from the recording medium to be outputted continuously after the forefront data,

wherein the video information reproducing apparatus detects whether a distributed schedule information announces that the distributed schedule information is altered to include a new program and, in response, recording records forefront data for the new program to the record means, and

wherein a time information extract means extracting time information in the program is provided, and when the program is altered, the data recorded in the record means is recorded over again onto the forefront data of the altered program, employing the time information obtained in the time information extract means as a standard.

5. (Original) The video information reproducing apparatus as set forth in claim 4, wherein the time information obtained in the time information extract means is employed as time information of the control means.

6. (Original) The video information reproducing apparatus as set forth in claim 4, wherein the control means detects that the program is altered through schedule information distributed by one channel among the plurality of channels and extracts time information by the time information extract means based upon the detection result to alter the program.

7. (Original) The video information reproducing apparatus as set forth in claim 4, wherein the recording medium is comprised of a hard disk, and the forefront data is recorded on a predetermined area of the hard disk so that the forefront data recorded in the predetermined area and data following the forefront data are seamlessly reproduced from the hard disk at the time of reproduction.

8. (Original) The video information reproducing apparatus as set forth in claim 4, wherein the time information obtained in the time information extract means is employed as time information of the control means so that the forefront data of the predetermined area on the hard disk is recorded.

9. (Currently Amended) A reproducing method of video information which employs a broadcast signal by which the same program is distributed in a plurality of channels for a predetermined time difference, the method comprising  
recording forefront data of the program on a recording medium on which data writing and data reading are performed in parallel in advance for the predetermined time difference,  
reproducing the forefront data of the predetermined time difference recorded on the recording medium when reproduction of the program is selected, and  
executing control in which data following the forefront data is written on the recording medium during the reproduction of the forefront data, and the following data is read and outputted from the recording medium continuously after the forefront data,  
wherein the video information reproducing apparatus detects whether a distributed schedule information announces that the distributed schedule information is altered to include a

new program and, in response, ~~recording~~ records forefront data for the new program to the record means, and

wherein time information in the program is extracted, and when the program is altered, the data recorded on the recording medium is recorded over again onto the forefront data of the altered program, employing the time information obtained in the time information extract means as a standard.

10. (Original) The reproducing method of video information as set forth in claim 9, wherein it is detected that the program is altered through schedule information distributed by one channel among the plurality of channels, and time information is extracted by the time information extract means based upon the detection result to alter the program.

11. (Previously Presented) A method of reproducing video information according to program schedule information in which the same program is distributed in a plurality of instances, the respective distributions being separated by a predetermined time difference, the method comprising:

recording forefront data on a recording medium, the forefront data being video information of the program from a start of the program distribution and continuing for the predetermined time difference;

executing control in which video information following the forefront data is written on the recording medium during reproduction of the forefront data, and the video information following the forefront data is read and outputted from the recording medium continuously after the forefront data; and

detecting whether the program schedule information announces that the program schedule information is altered to include a new program and, in response, recording forefront data for the new program to the record means.